

SCHEDULE

National Institute of Standards and Technology

U.S. - China Standards in Trade Workshop Building and Construction Sector

Day 1

Monday, 27 September 1999

Administration Bldg. 101, Lecture Room B

8:30 AM Bus pick-up from Hotel

9:00-9:15 AM Daily Orientation

OPENING SESSION

9:15-9:30 AM Welcome
Belinda L. Collins, Director
Office of Standards Services, OSS

9:30-10:00 AM Participant Introductions
Mary H. Saunders, Chief
Global Standards Program, OSS

10:00-10:30 AM Overview of NIST
Magdalena Navarro
Office of International and Academic Affairs (OIAA)

10:30-11:00 AM Overview of NIST Technology Services (TS)
Dr. Richard Kayser, Acting Director
Technology Services

11:00-11:15 AM BREAK

11:15-11:30 AM Standards in Trade Workshops and Network of Experts
Elisabeth Parker
Global Standards Program (GSP)

11:30 AM-12:00 PM Components of the Market Infrastructure – U.S.
Pat Cooke, Project Coordinator
Technical Standards Activities Program
Office of Standards Services (OSS)

12:00-12:30 PM Components of the Market Infrastructure – China
12:30-2:00 PM LUNCH - NIST Cafeteria

	Group Photo
2:00-3:00 PM	NIST Museum NIST Campus Tour
3:00-3:15 PM	BREAK
3:15-4:00 PM	Logistical Orientation and Administrative Needs
4:00 PM	Depart for Hotel
6:00 PM	Welcome Dinner – Holiday Inn Gaithersburg, Walker Room

Day 2

Tuesday, 28 September 1999	Administration Bldg. 101, Lecture Room B
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8:00AM	Bus pick-up from Hotel
8:30-8:45 AM	<u>Remarks</u> Dr. Karen Brown, Deputy Director NIST
8:45-9:30 AM	<u>Role of the American National Standards Institute (ANSI)</u> Jane Schweiker, Director of Public Policy and Government Relations, ANSI

STANDARDS DEVELOPMENT

9:30-9:45 AM	<u>Overview of U.S. Standards Development and Conformity Assessment System</u> Walter G. Leight, Deputy Director Office of Standards Services, OSS
9:45-10:00 AM	BREAK
10:00 AM-12:30 PM	<u>Panel: Private Sector Standards Development Organizations</u> Pat A. Picariello Staff Manager, Technical Committee Operations ASTM Eugene Eckhart, Jr., Director, Global Standardization Programs National Electrical Manufacturers Association (NEMA) Richard A. Candee, Jr., AVP & Director, International National Fire Protection Association (NFPA)

James E. Cox, Director of Government Affairs
American Society of Heating, Refrigerating and
Air Conditioning Engineers (ASHRAE)

12:30-1:45 PM	LUNCH - NIST Cafeteria
1:45 PM	Depart via bus for Silver Spring, Maryland
2:00-4:00 PM	Site Visit – Downtown Silver Spring Redevelopment Project Montgomery County, Maryland
4:00 PM	Depart for Washington, D.C.
5:00-7:00 PM	ANSI Reception – Old Ebbitt Grill 675 15 th St NW, Washington, D.C.
	Night Tour of City

Day 3

Wednesday, 29 September 1999	Administration Bldg. 101, Lecture Room B
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8:00 AM	Bus pick-up from Hotel
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8:30-8:45 AM	Daily Orientation
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CONFORMITY ASSESSMENT ACTIVITIES

8:45-9:45 AM	<u>Overview of U.S. Conformity Assessment System</u> Pat Cooke
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9:45-10:30 AM	<u>NIST Laboratory Accreditation</u> James L. Cigler, Chief National Voluntary Laboratory Accreditation Program (NVLAP)
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10:30-10:45 AM	BREAK
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10:45-11:30 AM	<u>U.S. Private Sector Laboratory Accreditation</u> Ramona Saar, Quality Manager American Association for Laboratory Accreditation (A2LA)
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11:30 AM-12:15 PM	<u>ANSI Accreditation in the Construction Industry</u> Rick James, Director Conformity Assessment Program, ANSI
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12:15-1:30 PM	LUNCH – NIST cafeteria
1:30-3:15 PM	<u>Panel: Testing and Certification</u> Gordon Gillerman, Manager Government Affairs Underwriters Laboratories, Inc (UL) Nigel Stamp, Business Development Building Products Group Intertek Testing Services (ITS) Shahin Moinian, P.E., Sr. Director of Research and Testing International Association of Plumbing and Mechanical Officials (IAPMO) Wayne Morris, Director, Portable Appliance Division Association of Home Appliance Manufacturers (AHAM)
3:15-3:30 PM	BREAK
3:30-5:00 PM	Site Visit – Asbury Methodist Village Gaithersburg, Maryland
5:00 PM	Depart for Hotel

Day 4

Thursday, 30 September 1999	Administration Bldg. 101, Lecture Room B
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8:00 AM	Bus pick-up from Hotel
8:30-8:45 AM	Daily Orientation
8:45-9:15 AM	<u>NIST Standards Initiatives in Asia</u> Christine DeVaux Industry Economist, GSP

METROLOGY

9:15-10:00 AM	<u>Overview of Metrology at NIST</u> Thomas E. Gills, Chief Standard Reference Material Program, TS
10:00-10:15 AM	BREAK
10:15-11:00 AM	<u>Overview of U.S. Construction Market</u> Patrick H. MacAuley, International Economist

U.S. Department of Commerce (DoC)

11:00 -11:45 AM Overview of Chinese Construction Market

BUILDING CODES AND STANDARDS

11:45 AM-12:30 PM Overview of U.S. Building Regulatory System
Bob Kelly, Director, Technical Services
National Conference of States on Building Codes and Standards
(NCSBCS)

12:30-1:45 PM LUNCH

1:45-4:00 PM Panel: Model Codes and Standards Organizations
Moderator – Bob Kelly

Robert J. Brown, Program Manager
International Code Council, Inc. (ICC)

Russell E. Sanders, Central Regional Manager
National Fire Protection Association (NFPA)

David A. Wizda, Managing Director Conformity Assessment
American Society of Mechanical Engineers (ASME)

4:00-4:15 PM BREAK

4:15-5:00 PM Overview of Chinese Building Regulatory System

5:00 PM Depart for Hotel

Day 5

Friday, 1 October 1999

Administration Bldg. 101, Lecture Room B

8:00 AM Bus pick-up from Hotel

8:30-8:45 AM Daily Orientation

BUILDING EVALUATION AND OCCUPANCY

8:45-9:30AM Building Evaluation Process in the United States
Robert J. Brown, ICC

9:30-10:15 AM Building Evaluation Process in China

10:15-10:30 AM BREAK

HOUSING

10:30-11:30 AM Overview of U.S. Housing Market
Michael Carliner, Staff Vice President-Economics
National Association of Home Builders (NAHB)

11:30 AM-12:15 PM Manufactured Housing in the United States
Frank Walter, P.E., Vice President, Technical Activities
Manufactured Housing Institute (MHI)

12:15-1:30 PM LUNCH

1:30-2:00 PM Site Visit pre-brief

2:00 PM Depart for The Kentlands

2:15-5:00 PM Site Visit – The Kentlands
Gaithersburg, Maryland

5:00 PM Depart for Hotel

Days 6 and 7

Saturday and Sunday, 2-3 October 1999

Sightseeing on your own

Day 8

Monday, 4 October 1999

DoC, Conference Room -1414

7:30 AM Depart Hotel via bus to METRO for Washington, D.C.
U.S. Department of Commerce

U.S. - CHINA HOUSING INITIATIVE

9:00-9:30 AM Overview of the U.S.-China Housing Initiative
U.S.-China Residential Building Council

9:30-11:00 AM Panel: U.S. Housing Finance
Martin Levine, Fannie Mae
Debby Erb, Mortgage Bankers Association
Michael Marerz, Pulte Mortgage Company

11:00-11:15 AM BREAK

11:15 AM- 12:45 PM Panel: U.S. Real Estate Transactions

National Association of Realtors (NAR)
 Telesis Corporation
 National Association of Home Builders (NAHB)
 Association of Home Inspectors (AHI)

12:45-2:00 PM	LUNCH - Post Office Pavilion
2:00–3:15 PM	<u>Panel: Training the Work Force</u> International Brotherhood of Electrical Workers Carpenters and Joiners Plumbers Union Occupational Safety and Health Administration (OSHA), DoL
3:15-3:30 PM	BREAK
3:30-5:00 PM	<u>Panel: Getting Products to the Consumer</u> Home Depot California Hardware Stanley, Inc.
5:00 PM	Depart for Hotel

Day 9

Tuesday, 5 October 1999	Administration Bldg. 101, Lecture Room B
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8:00 AM	Bus pick-up from Hotel
8:30-8:45 AM	Daily Orientation
8:45-10:30 AM	<u>Panel: Role of Codes and Standards in the Design Process</u> Moderator – Joel Zingeser, Manager, Standards and Codes Services Building and Fire Research Laboratory, NIST Marvin J. Cantor, F.A.I.A. American Institute of Architects (AIA) Jim Rossberg, Senior Manager, Structural Engineering Institute American Society of Civil Engineers (ASCE) Brian T. Rhodes, P.E. Hughes Associates, Inc.
10:30-10:45 AM	BREAK

BUILDING MATERIALS

10:45-11:30 AM	<u>Trade Implications of U.S. Building Materials: A Perspective on China</u>
11:30 AM-12:15 PM	<u>U.S. Building Materials In China: A Chinese Perspective</u>
12:15-1:45 PM	LUNCH
1:45-4:00 PM	<u>Recent Advances in Wood Products</u> Peter Mazikins, Manager, International Standards Wood Products International Division American Forest and Paper Association (AF&PA) <u>Recent Advances in High-Performance Steel Structures</u> Le-Wu Lu, Professor of Civil Engineering Lehigh University <u>Recent Advances in Concrete Technology</u> Dr. Tony C. Liu, Senior Program Manager Directorate of Research and Development U.S. Army Corps of Engineers Dr. Robert S. Zobel, Structural Engineer National Concrete Masonry Association
4:00- 4:15 PM	BREAK
4:15-5:00 PM	<u>Environmental Issues: Energy Efficiency in Buildings</u> Gary McNeil, Manager, International Technology Program U.S. Environmental Protection Agency (EPA)
5:00 PM	Depart for Hotel

Day 10

Wednesday, 6 October 1999	NIST Bldg. 224, Room B245
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8:15 AM	Bus pick-up from Hotel
8:45-9:30 AM	<u>Overview of NIST Building and Fire Research Laboratory (BFRL)</u> Dr. James E. Hill, Deputy Director Building and Fire Research Laboratory (BFRL)
9:30 AM-12:00 PM	<u>Tour of NIST Building and Fire Research Laboratory</u>
12:00-1:30 PM	LUNCH - NIST Cafeteria

1:30-2:30 PM	Review Session
2:30-4:00 PM	Dialogue for Future Activities – Discussion by Participants
4:00 PM	Depart for Hotel

Day 11

Thursday, 7 October 1999	Pennsylvania
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7:00 AM	Depart Hotel via bus for Site Visit
9:00 AM-3:30 PM	Site Visit – Armstrong Plant and Headquarters Lancaster, Pennsylvania
3:30 PM	Depart Armstrong for Hotel
7:00 PM	Farewell Dinner – Holiday Inn Gaithersburg, Washingtonian Room

Day 12

Friday, 8 October 1999	Administration Bldg. 101, Lecture Room B
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8:00 AM	Bus pick-up from Hotel
8:30 AM-12:00 PM	FORUM Feedback from participants Feedback from NIST Discussion
12:30 PM	Adjournment